

METHOD AND APPARATUS FOR CONTROLLING
ELECTRIC SERVO ACTUATORS

ABSTRACT OF THE DISCLOSURE

A servomechanism having an actuator configured to convert electrical energy into mechanical energy and a controller configured for electrical connection to a power source. A power cable electrically connects the actuator and the controller. The power cable is configured to transmit electrical current from the controller to the actuator. At least one transducer is coupled to the actuator. The transducer is electrically connected to the power cable and is configured to transmit data over the power cable.